

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Herbert BRUDER et al.  
Application No.: NEW APPLICATION  
Filed: October 17, 2003  
For: IMAGING METHOD FOR A MULTI-SLICE SPIRAL CT SCAN,  
AND A COMPUTER TOMOGRAPHY UNIT FOR CARRYING OUT  
THIS METHOD

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INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)

October 17, 2003

**MAIL STOP NEW APPLICATION**  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
Alexandria, Virginia 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

☒ Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

☐ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

- ☐ Because the present application is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

III. CONCISE EXPLANATION OF THE RELEVANCE

(check at least one box)

- a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

- b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

- c. ☐ **OTHER**

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 08-0750.

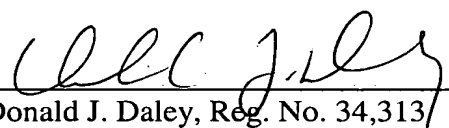
New U.S. Application  
Docket No. 32860-000635/US

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C

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Enclosures: ☒ Form PTO-1449(s)  
☒ Documents  
☐ Fee

FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET NO.

32860-000635/US

SERIAL NO.

Unknown

APPLICANT

Herbert BRUDER et al.

FILING DATE

October 17, 2003

GROUP

Unknown

**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date

**FOREIGN PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**

Ref. Desig.	Examiner's Initials	
		Marc KACHELRIEß et al., "Advanced single-slice rebinning in cone-beam spiral CT", 01/12/2000, pgs. 754-772
		S. Schaller et al., "Novel approximate approach for high-quality image reconstruction in helical cone beam CT at arbitrary pitch", 2001, pgs. 113-127
		Karl Stierstorfer et al., "Segmented multiple plane reconstruction: a novel approximate reconstruction scheme for multi-slice spiral CT", 07/17/2002, pgs. 2571-2581
		K. Sourbelle et al., "Performance Evaluation of Exact Cone-Beam Algorithms for the Long-Object Problem in Spiral Computed Tomography", 10/30-11/2/2001, pgs. 153-156
		Hiroiyuki Kudo et al., "Quasi-Exact Filtered Backprojection Algorithm for Long-Object Problem in Helical Cone-Beam Tomography", 10/2000, pgs. 902-921
		K. C. Tam, "Exact local regions-of-interest reconstruction in spiral cone-beam filtered-backprojection CT: theory", 2000, pgs. 506-519
		Günter Lauritsch et al., "Exact local regions-of-interest reconstruction in spiral cone-beam filtered-backprojection CT: numerical implementation and first image results", 2000, pgs. 520-532

Examiner:

Date Considered:

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.